

SEQUENCE LISTING

<110> KAWAI, SHIGETO
 MIHARA, MASAHIKO
 KOISHIHARA, YASUO

<120> THERAPEUTIC AGENTS FOR SOLID TUMORS

<130> 053466-0414

<140> 10/574,860

<141> 2006-04-06

<150> PCT/JP04/015205

<151> 2004-10-07

<150> JP 2003-352819

<151> 2003-10-10

<160> 31

<170> PatentIn Ver. 3.3

<210> 1

<211> 1013

<212> DNA

<213> Homo sapiens

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<221> CDS

<222> (23)..(562)

<400> 1

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Val Pro Met Glu Asp Gly Asp Lys Arg Cys Lys Leu Leu Leu Gly Ile
                15             20             25

gga att ctg gtg ctc ctg atc atc gtg att ctg ggg gtg ccc ttg att 148
Gly Ile Leu Val Leu Leu Ile Ile Val Ile Leu Gly Val Pro Leu Ile
                30             35             40

atc ttc acc atc aag gcc aac agc gag gcc tgc cgg gac ggc ctt cgg 196
Ile Phe Thr Ile Lys Ala Asn Ser Glu Ala Cys Arg Asp Gly Leu Arg
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gca gtg atg gag tgt cgc aat gtc acc cat ctc ctg caa caa gag ctg 244
Ala Val Met Glu Cys Arg Asn Val Thr His Leu Leu Gln Gln Glu Leu
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Thr Glu Ala Gln Lys Gly Phe Gln Asp Val Glu Ala Gln Ala Ala Thr
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Cys Asn His Thr Val Met Ala Leu Met Ala Ser Leu Asp Ala Glu Lys
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gcc caa gga caa aag aaa gtg gag gag ctt gag gga gag atc act aca 388
Ala Gln Gly Gln Lys Lys Val Glu Glu Leu Glu Gly Glu Ile Thr Thr
          110                      115                      120

tta aac cat aag ctt cag gac gcg tct gca gag gtg gag cga ctg aga 436
Leu Asn His Lys Leu Gln Asp Ala Ser Ala Glu Val Glu Arg Leu Arg
          125                      130                      135

aga gaa aac cag gtc tta agc gtg aga atc gcg gac aag aag tac tac 484
Arg Glu Asn Gln Val Leu Ser Val Arg Ile Ala Asp Lys Lys Tyr Tyr
          140                      145                      150

ccc agc tcc cag gac tcc agc tcc gct gcg gcg ccc cag ctg ctg att 532
Pro Ser Ser Gln Asp Ser Ser Ser Ala Ala Ala Pro Gln Leu Leu Ile
          155                      160                      165                      170

gtg ctg ctg ggc ctc agc gct ctg ctg cag tgagatccca ggaagctggc 582
Val Leu Leu Gly Leu Ser Ala Leu Leu Gln
          175                      180

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 <212> PRT
 <213> Homo sapiens

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Ile Ile Val Ile Leu Gly Val Pro Leu Ile Ile Phe Thr Ile Lys Ala
          35                      40                      45

Asn Ser Glu Ala Cys Arg Asp Gly Leu Arg Ala Val Met Glu Cys Arg
          50                      55                      60

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Asn Val Thr His Leu Leu Gln Gln Glu Leu Thr Glu Ala Gln Lys Gly
 65 70 75 80
 Phe Gln Asp Val Glu Ala Gln Ala Ala Thr Cys Asn His Thr Val Met
 85 90 95
 Ala Leu Met Ala Ser Leu Asp Ala Glu Lys Ala Gln Gly Gln Lys Lys
 100 105 110
 Val Glu Glu Leu Glu Gly Glu Ile Thr Thr Leu Asn His Lys Leu Gln
 115 120 125
 Asp Ala Ser Ala Glu Val Glu Arg Leu Arg Arg Glu Asn Gln Val Leu
 130 135 140
 Ser Val Arg Ile Ala Asp Lys Lys Tyr Tyr Pro Ser Ser Gln Asp Ser
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 Ala Leu Leu Gln
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<210> 3
 <211> 39
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
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<400> 3
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39

<210> 4
 <211> 97
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 forward primer

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<210> 5
 <211> 100
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

<400> 5

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<210> 6

<211> 102

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

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actcccactc gccctgctg cagccgctgc cgccagcaa gg 102

<210> 7

<211> 93

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

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aggacaccac cgagtatttc gtgcgcacca agg 93

<210> 8

<211> 98

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

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gagaccgcct ccgggacgac cggaggagaa gcctgagg 98

<210> 9

<211> 83

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

<400> 9

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cctgagcgcc cgggagcgca cgg 83

<210> 10

<211> 104

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

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tctgcccgga tggcacggac ccagctgcgg cgtgccact gtgg 104

<210> 11

<211> 84

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

<400> 11

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cccaggaggagg tgccgcgccg cgtc 84

<210> 12

<211> 99

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

<400> 12

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gacgtgcgct tccacgagct gggcgacgtg gtggacgcc 99

<210> 13

<211> 101

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

<400> 13

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cgcggccgct caagttccgg gagatgctga ccaatggcac c 101

<210> 14

<211> 63

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

<400> 14

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acc 63

<210> 15

<211> 70

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
forward primer

<400> 15

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cgactacctg 70

<210> 16

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
reverse primer

<400> 16

tttaagctta ctagacttcc gcctcgcca gttttcc 37

<210> 17

<211> 109

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
reverse primer

<400> 17
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<210> 18
 <211> 102
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 reverse primer

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<210> 19
 <211> 104
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 reverse primer

<400> 19
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<210> 20
 <211> 101
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 20
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<210> 21
 <211> 102
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 reverse primer

<400> 21
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ccaggatgtg tccggtgcgg ttctcatact gtctgaagtt gg 102

<210> 22
<211> 99
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
reverse primer

<400> 22
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cagcccatac actgcctgca gcatgtccac cgtgcagcc 99

<210> 23
<211> 100
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
reverse primer

<400> 23
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ccgtagagcg acgtgcgcat gtggaaggcg aagggtcgg 100

<210> 24
<211> 102
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
reverse primer

<400> 24
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ggccgggata tcgtccgcat cgtcaatgat gaagacgtcg tc 102

<210> 25
<211> 91
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
reverse primer

<400> 25
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aggaaggtgc gcaggtagtc gtcggcgatc c

91

<210> 26

<211> 70

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
reverse primer

<400> 26

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gacatagagc 70

<210> 27

<211> 81

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
reverse primer

<400> 27

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acgaaatact cggtaggtg c 81

<210> 28

<211> 80

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
reverse primer

<400> 28

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gccttgctgg gcggcagcgg 80

<210> 29

<211> 68

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
reverse primer

<400> 29

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catcttg 68

<210> 30
 <211> 1596
 <212> DNA
 <213> Homo sapiens

<400> 30
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<210> 31
 <211> 1596
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 mutant nucleotide sequence

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